

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Brian Kassel <bkassel@dancris.com>
Subject: [18583] "Lost Dutchman Mine" QRPTTF (Longish)
Message-ID: <199704292004.NAA24640@dancris.com>

At our selected site: The "Lost Dutchman Mine" we ScQRPions had, IMHO,
the best QRP TTF to date.

This Year we decided to operate separate stations with our own callsigns,
and have two operating positions, one for 40M, and one for 20M.
We decided early on that we should use 1/4 wave verticals, with the base
elevated to allow running only a few radials.

Floyd, NQ7X, and myself arrived at the site on Friday around 1600 L to put
up our antennas. Floyd had built a 40M vertical, the base of which was about 9
feet off of the ground, and 4 each 1/4 radials run parallel to the ground.
the radials were supported on the end by 4 1X2'" strips. Two large nails
were used as stakes to hold the position of the strips. It went up in about
an hour.

My 20M vertical antenna was built around the ubiquitous Black Widow 20'
collapsible
fishing rod. By using one 2" and one 1 1/2" 4' pieces of Schedule 40 PVC
pipe, and the 20' rod, I was able collapse all of the vertical pieces of the
antenna into a 4' long bundle. 8 1/4 wave radials were cut. I used two
hose clamps to hold 4 very small halyards close to one end of the outside
and 4 on close to the opposite end. These were used to store the 8 radials,
2 on each pair of halyards. A driven element was also cut from the same
wire. A few very small bungi cords were used to anchor the feed line (RG-174).
to the antenna when erected. A previously-tuned 1/2 wave length was used.
Lastly, I made a 9" long wooden plug for the base, which tightly fit the
bottom 2" diameter support piece of PVC.

A 10" long 3/8 dia. nail runs down through the plug. The plug
is required to allow 1 man to put up the antenna. The base is pushed
into the ground, and then the bottom PVC piece is placed over it.
The second PVC piece is telescoped into the bottom, all radials are
attached, then the support is telescoped up to it's maximum height.
Lastly, the Black Widow is extended and placed into the support.
8 each 10" X3/8 nails were used to attach the ends of the radials.

This arrangement makes a full size, elevated 20M vertical with 8 sloping
radials.

The antenna proved to be very easy to erect, and worked very well
indeed. It took about 25 minutes for me to go from 4' tube to
full antenna, ready to go.

BTW, those 8 sloping radials and some small welding clamps make a
great support for a small tarp or "Space Blanket" to serve as a movable
sun shade. No, there are *NO* trees over a few feet tall at this site.

The actual operating position was positioned inside of the "umbrella" of radials.

Dan Tayloe, N7VE, picked a spot quite a distance from us in an attempt to lesson any interference. We didn't hear from Dan during the contest, and we all became quite concerned. As it turned out, his keyer broke early on, and he decided to just enjoy his desert mountain retreat for the duration. We picked him up that evening at the trailhead, at a prearranged time, none the worse for wear. He did however drink almost all of his 2 gallon water supply in the short time that he was up on the hill (mountains to you eastern folks).

I operated for 8 hours, with a 1 hour and 20 minute break in the middle to enjoy the fine company of Mike, W9UQB; Joe, AB7TT; and Mike NQ7K. To me, just the fun of seeing my antenna go up and perform as well as it did, and the fine vibes from the other ScQRPions made the whole thing very worthwhile.

As a bonus I wound up with 89 QSO's in 32 SPC's for a score of 3,560 points. AK and HI both answered my CQ's! I was astounded! The rig used was my QRP+ along with the antennas described above. I was very gratified by the signal reports, and the always-great operating skills of the other participants.

I was having so much fun that I forgot to change Gel cells in the middle of the contest. W03B took the time to tell me that my signal was quickly deteriorating, and advised that I check my battery. Sure appreciated his persistence. I built up a small digital voltmeter to guard against that happening too. I was just having too much fun to pay attention I guess!

Next TTF I *WILL* have HB rigs of some kind to take advantage of the X 3 HB multiplier. It sure would have boosted my total score.

I really enjoy the TTF events, can't we do this more than just twice a year? I'm anxious to hear about the TTF exploits of the other ScQRPion groups.

It should be quite an interesting monthly meeting this Saturday. 10:30 A.M., Luby's Cafeteria, in the same parking lot as HRO (Ham Radio Outlet).

Brian W5VB0

* Brian D. Kassel W5VB0 - QRP NERD 10 - ScQRPion # 0 *
* QRP-L #404 - ARCI #3623 *

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Pete Rossi <wa3nna@resuba.com>
Subject: [18517] ** 80 METER QRP BEACON THIS WEEKEND **
Message-ID: <199704290146.VAA31494@resuba.com>

As promised... Get ready for another one...

This will be a super challenge for those of you who really dig digging
for those microwatt signals. This time instead of the 100 uW power level,
we will try for 50 uW. Should be interesting if the band is not too noisy.

----- WA3NNA/B 80 METER QRP BEACON ANNOUNCEMENT -----

START TIME : 0000 Z Saturday May 3 (8 PM EST FRI 2 MAY 97)

END TIME : 2400 Z Sunday May 4 (8 PM EST SUN 4 MAY 97)

FREQUENCY : 3557 KHz

OUTPUT POWER : Power will cycle though 5 different levels, 2 minutes at
each power level; 4 minutes at the 50 uW level.

----- MINUTES PAST THE HOUR -----					POWER LEVEL
00-02	12-14	24-26	36-38	48-50	1 W
02-04	14-16	26-28	38-40	50-52	100 mW
04-06	16-18	28-30	40-42	52-54	10 mW
06-08	18-20	30-32	42-44	54-56	1 mW
08-12	20-24	32-36	44-48	56-60	50 uW <---- look!

These times should be very accurate, however, keep in mind that
the power level will not change to the next level until the
previous message has finished sending.

LOCATION : Newtown Square PA FM29hx (about 15 miles west of Philadelphia)

MESSAGE : VVV VVV xx MW <4_letter_code_word> DE WA3NNA/B QRP
Sent at aprox 15 WPM. Unique codeword for each power level.
The codeword will be repeated THREE TIMES at the 50 uW level.

ANTENNA : 80 meter coax fed inverted-vee center @ 65' running east/west

REPORTING : Please send all beacon reports to beacon@pete.resuba.com
---> ^^^ <---

Detailed signal reports, receiver and antenna info, etc are very much appreciated but PLEASE do not bury your codeword reports inside a lot of lengthy text. It takes forever to extract the information that way.

So, PLEASE include a separate text block with your report containing the following information for the lowest power level copied:

YOUR CALL & NAME
YOUR LOCATION
CODEWORD & POWER LEVEL
DATE/TIME
SIGNAL REPORT

Canadian and other DX stations, please send mailing address + long/lat coordinates of your location.

Certificates acknowledging the lowest power level at which you correctly copy the codeword will be available. Jerry, W4UK, who produced the certificates for past beacons has offered to produce them again for this one.

Details on how to request a certificate will be posted with the summary report which will be posted a few days after the beacon session, once all reports have been received. Please do not post the codewords.

Please spread the word about this beacon through whatever means available.

Good luck & 73,

Pete Rossi - WA3NNA QRP-L #459
wa3nna@pete.resuba.com
beacon@pete.resuba.com

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: n4so@juno.com (charles k brown)
Subject: [18519] 38 Special
Message-ID: <19970428.200231.4431.9.n4so@juno.com>

Looking for 38 Special contacts tonight.
starting 0230Z until....
on or about 10.116- 10.117.

Ken Brown, N4SO
QTH nr Mobile, AL
qrp-1 #622
n4so@juno.com
and looking for 38 Special contacts

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: JAlexan706@aol.com
Subject: [18516] 40m
Message-ID: <970428212644_-232610640@emout19.mail.aol.com>

I would like to get a WAS on 40m do many of you work 40m and could we set a time to make some contacts to help out in this. This may not be the way to do this but thought I would try it. I have a few contacts already on 40m need some more states.

73
KB0PTE
Wayne
QRP-L # 1058

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Joel Malman <malman@BBN.COM>
Subject: [18564] 50/40/30 heads-up
Message-ID: <199704291632.MAA91796@nss2.CC.Lehigh.EDU>

Advance notice of 50/40/30 schedule for this Thrusday 1 May 97:

WA1QVM from Ma will be on the air starting 1 May (USA Time):

30m	2300-0100	(7pm-9pm EDT)	10.115-10.116
40m	0100-0300	(9pm-11pm EDT)	7.041- 7.042

These frequencies appear to be pretty quiet (at least they are not dominated

by digital stuff) here in New England at the times specified. The last state I need is Hawaii, so any KH6, PLEASE try to listen for me.

/joel wa1qvm (malman@bbn.com ... Concord, Ma.)

WIMPS: Qs=051 30m=048 17m=03 12m=00 States=12/02/00 DX=023/01/00

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "John A. Evans - N3Q00" <jaevans@cos.cst.titan.com>
Subject: [18553] AK contact last night (this morning)
Message-ID: <199704291426.KAA68116@nss2.CC.Lehigh.EDU>

More joy folks,

Something woke me up at midnight last night (MDT) so I figured I'd log on and read my email. After I finished that, the radio was warmed up so tuning around I just catch DE AL7JF SK dit dit. Still groggy, I check the QRZ db to find out he is actually in Alaska (duhhhh).

I give him a call, then call him again and he comes back. Short QSO due to QSB but I get a 449 from him (if memory serves me right). Wow - what a trip. Now of course, I can't go back to sleep until 3:30 AM. Then it is up at 5:30 and off to work. Right now I am in adrenaline letdown mode, but it was well worth it !! Ain't QRP great !!!

72 - john, n3qoo

John A. Evans Chief System Administrator
Office: (719) 528-1800 x164 Titan Client/Server Technologies
Fax: (719) 528-1275 1115 Elkton Dr, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [18591] BS7H DX-pedition
Message-ID: <199704292143.QAA23045@chuck.dallas.sgi.com>

Since someone mentioned working them /mm I'll throw in what QRZ DX had to say:

Tim, N4GN, reports that BS7H (Scarborough Reef) will be on for approximately 7 days starting April 30th. This what was published and the time may vary just a little, but it sounds like they may be on time.

Now this will cause pileups when they get on, so QRPers will have their hands full trying to get a word in edgewise. Here are the freqs:

CW: 1826.5, 3505, 7005, 10105, 14024, 18073, 21024, 24895, 28024 and 50110 KHz

SSB: 1826.5, 3790 (3750), 7065, 14195, 18115, 21295, 24935, and 50110 KHz

RTTY: 14083 and 21083

They will listen up in the General portion, so put on your speed hat and listen carefully to what they send and obey their wishes. You think the network police are bad? Nothing compared to the wrath of the N-kw, where N is large, QRO powered police. :-) ;-)

Tune across the band and see where the speaker, phones, and/or S-Meter peaks. You'll know you are in the right place.

Info provide for those that may be in the dark and haven't been keeping up with these rare spots appearing.

QRZ DX, Box 16522, Asheville, NC 28816-9522
Published 50 times per year at a paltry rate of \$37.00 shipped first class. Usually four pages 8 1/2 x 11 inches.

<http://www.abooks.com/dx> is their web page

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=031 30m=21 17m=5 12m=0 States=18/05/00 DX=03/00/00 QSLs=005

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: flydnq7x@primenet.com (Floyd Smithberg)
Subject: [18528] BS7H on now
Message-ID: <199704290526.WAA21435@usr01.primenet.com>

Just worked BS7H on 14023.8...5W here to 3 el yagi time 0522 utc.
72/73 Floyd NQ7X Phoenix ScQRPion DM33UQ
ARRL ARCI NORCAL G-QRP AARP DXCC ETC

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [18555] Caltech EE20/NC40A course book: feedback?
Message-ID: <199704291435.HAA03670@smtp.well.com>

Hi folks,

I'm curious whether anyone has ordered Prof. Rutledge's EE20 course book (the one that uses the NC40A for all lab work), and if so, what you thought of it? (Forgive me if this has already been discussed -- I lost a few weeks due to my New Zealand trip.)

If you're considering doing a detailed review, please post it to the net and send a copy to Dale Yee (yee@systems.caltech.edu) and me (svecbrdk@well.com).

Thanks & 73,
Wayne
N6KR

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Jim <LAGESON@worldnet.att.net>
Subject: [18590] Coax as a balanced feeder???
Message-ID: <19970429212610.AAB7193@LOCALNAME>

I read (somewhere) that you can use coax as a balanced feedline by running two lines and connecting the outer braid and using the center conductors as the feedline. I have some odd RG/62A/U coax, 93 ohm (i think) coax that was given to me and want to run a hidden balanced feedline. What will the impedance be? 93 ohms? Has anyone used something like this, and how did it work. Would appreciate and input.

Thanks-73's Jim

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: emaaro@pacbell.net
Subject: [18507] Compliments to the Chef
Message-ID: <336521DC.6A03@pacbell.net>

QRPP arrived this afternoon.
Hale-Bopp on the cover.
Excellent selection of articles.
Doug outdid himself again.

emaaro

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: n0acs@juno.com (John R. Morris)
Subject: [18577] CRYSTAL GROUP BUY
Message-ID: <19970429.122558.10199.3.N0ACS@juno.com>

Hi Gang,

JUST FIVE (5) DAYS LEFT TO GET YOUR ORDER IN FOR THE CRYSTAL GROUP BUY.

DON'T MISS OUT!

73
John
PHOENIX CRYSTALS
1714 North Ash
Nevada MO 64772

E-mail: n0acs@juno.com
FAX: 1-417-667-6169
Phone: 1-417-667-6179

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "Mitch, W40A" <w40a@vibroplex.com>
Subject: [18525] Definition of a BUG is Vibroplex!
Message-ID: <33656ED5.283F97D1@vibroplex.com>

and you can see the current production vibroplex bug

on our web page...

not many products have been in continuous production since 1904 with only cosmetic changes... and if you have a standard model, it has been in continuous production for over 50 years (the parts drawings are dated june, 1944), so parts are readily available (of course, the only way you need parts is to drop it)...

mitch, w4oa

--

-----Vibroplex - Since 1890, the oldest name in ham radio!-----
Felton "Mitch" Mitchell, W4OA email: w4oa@vibroplex.com
The Vibroplex Co., Inc., 11 Midtown Park East., Mobile, AL 36606-4141
Orders 800-840-8873, Info 334-478-8873, FAX 334-476-0465
Visit our web site: <http://www.vibroplex.com/>

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Neil Heckt <neil@aade.com>
Subject: [18536] DFD and L/C Meter IIB scratch builders
Message-ID: <33659C78.5D2B@aade.com>

I have posted the object code (the data to burn into a PIC micro)
for those who wish to scratch build either my Digital Frequency Display
(May QST) or my L/C Meter IIB (April Nuts & Volts) on my web site below.

You will find a download link to each on their respective pages off
my homepage. They are ZIPPed Intel Hex files suitable for most
device programmers.

The 1% accuracy of L/C Meter IIB may not be obtainable scratch built
but you will come close.

--

Neil

Homebrew Heaven at <http://www.aade.com>
Home of L/C Meter IIB and Digital Frequency Display
Links to sites of interest to Engineers, Amateurs and hobbyists
interested in Circuit Design and construction.

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Kory Hamzeh <kory@avatar.com>
Subject: [18573] Envirotronic's Paddle
Message-ID: <Pine.BSI.3.91.970429105638.22310E-100000@avatar.avatar.com>

I received my Envirotronic's CW paddle yesterday. I ordered the 501G model and I was very very impressed with the quality of the workmanship. It is a little on the heavy side for traveling, but pretty small. Had a very nice positive feel to it.

Yesterday was a good day, I received tge envirottronics paddle, my first QRPp magazine (excellent), and NA5N's QRP Databook (most excellent)!

Kory
AC6RN

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Joel Malman <malman@BBN.COM>
Subject: [18509] EXP II advice
Message-ID: <199704290031.UAA139530@nss2.CC.Lehigh.EDU>

Group,

I have an Explorer II (40m) with badly muffled audio. Sounds like someone stuffed cotton in my earphones. TX seems OK. Output volume is supposed to be for earphones, and I have tried a variety of earphones none of which make the muffled sounds go away. BTW: the cw side tone is clean.

I am planning on installing a small RS audio amp, but of course, at this point it will just boost the volume of the muffled signals.

I was thinking about calling Dick at OHR, but before I do I was wondering if anyone else had this problem and what they did to resolve it.

thanks and 72

/joel wa1qvm (malman@bbn.com ... Concord, Ma.)
WIMPS: Qs=050 30m=048 17m=02 12m=00 States=12/01/00 DX=023/01/00

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: wb0aaq@juno.com (FREDERICK I VAN ARTSDALEN)
Subject: [18585] FS QRP KITS
Message-ID: <19970429.140714.5487.1.WB0AAQ@juno.com>

Hi Gang,

Don't have time to put all these kits together right now...so offering the following

unbuilt kits for sale.

ARRL QRP CLASSICS....pages 9-10 -11 or Sept 1981 QST pages 13-14-15

#1-Little Joe 40 mtr.....30.00 postpaid US

#2-Little Joe 80 mtr.....30.00 postpaid US

Boards by Circuit Board Specialist...includes front side and back boards
as pictured in artical.

#3 OHR Explorer 2....30 mtr.....85.00 postpaid US

Let me know if you can use any of these.

Ike.....WB0AAQ

wb0aaq@juno.com

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: fmathews@norfolk.infi.net (Frank Matthews)

Subject: [18515] Further Definition of a BUG?

Message-ID: <v01530500af8ab74b64ae@[208.131.171.130]>

Fellow QRPer's,

I've been reading alot of threads here of late about "bugs". Just
what is a bug? Alot of you seem to really have an affection for these
little things. All I know is that it is a "semi-automatic" device. I'm
familiar with the iambic paddles but would like to hear more about this
thing called a "bug".

What is it, how does it work, advantages over a straight key, who
sells them, is there a favorite or a "starter bug" anyone can suggest?
Thanks...

Frank

Frank Matthews

Technology Education Department

Oscar F. Smith High School

Chesapeake, VA 23320

fmathews@norfolk.infi.net

KC4FKX QRP-L #1079

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Ivan DeLisle <ve7dlo@mail.netshop.net>
Subject: [18565] Gear mailing lists
Message-ID: <Pine.LNX.3.95.970429092856.16105A-100000@netshop.net>

Hi!

This is obviously not the place to offer gear for trade or sale. Does anyone know of a mailing list or website dedicated to buying/selling/trading of gear? Please e-mail to me privately if you do. Thanks!

Ivan DeLisle VE7DLO
Grand Forks B.C. Canada

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Peter Chow <pchow@cisco.com>
Subject: [18532] Got the spring QRPp!
Message-ID: <199704290606.XAA28761@mb.cisco.com>

Excellent job again! Thanks to Doug and Jim.

72,
Peter

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "rwilcox" <rwilcox@newton.cacky.com>
Subject: [18544] Help with TenTec 1340
Message-ID: <9705161840.AA04466@newton.cacky.com>

I have a ten tec 1340 kit that Im having problems with. The rx works fine but the tx has reduced power output (< .1 watt). If I change swr with my tuner to 1.3 to 1 the power output goes up to about 3 watts but the side tone becomes very loud and distorted.

any ideas.

Gary Wilcox

Gary Wilcox
Commonwealth Aluminum

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Scottae4vq@AOL.COM
Subject: [18543] Index Labs
Message-ID: <970429085830_776374507@emout07.mail.aol.com>

Group:

Thanks to those who responded to my question.

72's... Scott AE4VQ qrp-1 418

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Brian Kassel <bkassel@dancris.com>
Subject: [18594] IRFI 9630G HEXFET ?
Message-ID: <199704292234.PAA05419@dancris.com>

Gang:

I ran across the following ad on the WWW from The Electronic Goldmine.
I was wondering, does anyone know if these FET's would be useful at
RF? The Price is certainly right if, indeed they are.
I usre would appreciate it if one or two of the RF expert's on the
list would E-MAIL me with any possibilities for using these
very inexpensive devices.

Of course, I have no connection with this outfit etc...

PRIME P-CHANNEL HEXFET IRFI 9630G

IRFI 9630G from International Rectifier. Case: TO-220AB, drain source=20
voltage (Vds):=20
-200V, continuous drain current (Id): -6.5 amps, pulse drain current=20
(Idm): -26 amps, on-state resistance (Rds): 0.8=BD, max. power dissipation=
=20
(PDmax): 75 watts. Prime IR units=20
G8402

3/\$1.00=20

factory tube of 50: \$15.00=20

-----=
-

We also have IRFI 9630G in a T0220-003 case (full length formed leads)=20
G8403=20

3/\$1.00

factory tube of 50: \$15.00

-----=
--

* Brian D. Kassel W5VBO - QRP NERD 10 - ScQRPion # 0 *=20
* QRP-L #404 - ARCI #3623 *=20

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Randy Foltz <rfoltz@wsunix.wsu.edu>
Subject: [18559] JA contest
Message-ID: <Pine.OSF.3.95.970429080439.7794E-100000@unicorn.it.wsu.edu>

As some others have mentioned, on Monday night 20 M was full of JAs
calling CQ TST. I looked in QST and World Radio to see what the contest
was and what the exchange was, but couldn't find it in either one.

Can someone tell me if that contest will be going on again Tuesday night
and what the exchange is?

Thanks,
Randy
AB7TK ARCI QRP-L NORCAL NWQRP ARS
Moscow, ID

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [18540] LDG auto-tuners - ONE LAST TIME B4 Dayton!
Message-ID: <Pine.3.89.9704281827.G10355-0100000@w3eax.umd.edu>

One last shot, folks.

Assembled AT-11s (150w) - \$190.00
AT-11 kit (only) - \$127.50
AT-11 enclosure (nice!) - \$30.00

Assembled QRP tuners - \$139.00 (normally \$159)
QRP tuner kits - \$85.00 - build one into your Sierra!
QRP enclosures - \$25.00

Interested? I can ship OR hand carry to Dayton!!!

Please e-mail with phone number, address, and exact list of what you want.

Prepare to send a money order ASAP - after the quasi-hassle with checks,
I desire to not go through that any more.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Steve Heyroth <sheyroth@compuserve.com>
Subject: [18514] Little Red Keys
Message-ID: <199704282120_MC2-1598-C344@compuserve.com>

I missed the address when it was posted recently...does anyone have the
manufacturer and web site that was posted for little red morse keys.

Thanks,

Steve N5CLU

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
Subject: [18518] Little Red Keys
Message-ID: <970429015120_70511.3041_IHD55-1@CompuServe.COM>

Steve:

Steve Hideg recently posted the following to the QRP-L reflector:

>> You can see pictures of these little red keys in the QRP Equipment
Catalog section of the Internet QRP Club web site
<<http://qrp.cc.nd.edu/qrp-l/>>

The page with the keys is at:

<<http://qrp.cc.nd.edu/qrp-l/catalog/qrpkey/keys.html>>

--Steve

Steve Hideg, N8HSC/9

QRP-L #136 <<

Hope this is useful info.

GL es 72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 mn-qrp 19 nj-qrp 69 ak/qrp 139

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: Brad Mugleston <bmug@gw1.com>

Subject: [18506] Mobile antennas

Message-ID: <01BC53F1.35840700@pps-pc10.gw1.com>

OK, I went and played with Rons, KB0SZG, IC-706 in his car during lunch the other day and I'm hooked. Problem - my only portable rig is my Explorer II on 40M. Soon I will have my General (I hope, I hope) and will be able to use my 38 Special. Is it worth the extra \$40 to \$50 that I don't have to get multiple band capabilities or does the Ham Stick do a good enough job for now.

Also mounting options, best, worst, OK, don't even think about - I don't think I will be moving while I'm doing this just parked on the roof of our parking garage at work. The reason I don't think I will be moving is I can't spell in my head - I mean my 7 year old and my wife spell words out loud so I won't know what is going on, then they laugh at me.

What are your preferences? Send me direct and I will recap for the group (as I'm sure this has been done before but I didn't have the /m bug).

Thanks,
de KB0ROL, Brad

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: "T. PETTIBONE" <tpettibo@NMSU.Edu>

Subject: [18523] Mobiling in NM

Message-ID: <Pine.A41.3.95q.970428205536.63238A-100000@hector.NMSU.Edu>

Well, I started out the day driving to Albuquerque and listening to 40m. Lots of signals - some sort of contest with JAs all over the place. Couldn't get any of them to answer the QRP+ running 5 watts cw to a Hamstick. Called cq a lot but no answers.

Changed to 20m (means stopping for coffee in Truth or Consequences and changing the Hamsticks). Not as many signals but picked off an XE3 in Tabasco. Had a nice qso with Manuel. Then worked a K4 portable in MO. A little later on (about 10am local time) I heard an ES1 calling and calling cq. Gave him a shout and he came right back. Estonia on 5watts mobile cw! Even surprised myself. Europe is NOT an easy haul from NM.

Met for several hours and started the trip back to Las Cruces around 4pm. Worked an S53 in Slovenia, then a JA working the contest around 14.060. Finished off with a nice qso with a fellow in Houston. Only 6 qsos but 4 were DX (2 Europeans, 1 JA and 1 XE). Tried 40m but failed again the last hour of the drive.

All of this is not to be bragging but to encourage you to try QRP mobile. I didn't do anything special. The rig is nice but not spectacular and the antenna is know to be several s units below a screwdriver or "bug catcher" mobile antenna. The Bencher sat on the passenger seat (the YF stayed home this time - I usually have the paddle balanced on my knee!) and I scribbled what I could and when I could on a scratch pad. Power is via cigar lighter cable.

Speed limits in rural NM are 75 now and I went at least that, against a headwind. The Hamsticks and 3 magnet mount didn't move.

And, I found a great Thai place in Albuquerque (spell that with a couple of Martinis in you!) and had Yum Pla Muk (cold squid salad) for lunch. It doesn't get any better than this!

Tim K50I
Las Cruces,
New Mexico - the land of enchantment

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "Steve & Anne Ray" <sbralr@worldnet.att.net>
Subject: [18511] NC38S Thrump
Message-ID: <19970429005302.AAA29957@pentium>

I put the mod in to my 38S described by Niels VE6NJK, but now the recovery from transmit to receive seems to be about 1/2 to 1 second. I was confused by Niels directions that he said cut U2 pin 11 trace to C-15. Well looking at the underside of the board it seems you really cut the trace between U2 pin 11 and C-14. Maybe I missed something. It won't be the first time.

Also I found out the hard way TR1, L2, C22 and TC2 make a great VFO at 9.3 MHz, L2 has 20 turns instead of 18. Then I read what everyone else knew!

The rig works great other than this, seems to have a clean output, and I had my 1st QSO with a International Marconi Day Station with it. So it was appropriately christened.

I have been reading the archives for a long while, you guys are doing more to put the fun in ham radio then anything I have ever saw before.

I have been a ham for 35 years, since high school, and never had any fancy gear, was starting to get bored with the big rig a HW-101, till I discovered QRP. Thanks to this group the fun has come back to ham radio, and best of all it is inexpensive. Who ever said "The difference between men and boys is the price of their toys" never worked QRP.

73/72

Steve K4JPN

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [18582] NR3E/5 in TX QSO Party
Message-ID: <9703298623.AA862345659@smtpgw.ccgate.dl.nec.com>

Gang:

I'll be hammering away in the Texas QSO party this weekend.

I've found (for me) that S&P works best in these things. However, for my QRP brethren and sisteren(!) I'll try to hang out around the standard QRP freqs. most often. I'll be operating 40-10m.

Also, if condx are good, I'll try some QRP SSB (20m) let's say at the top of every hour again. I was not too successful with SSB on QTTF last week.

I'll be using my Yaesu FT-840 @ 4w and a R5/40m inv. vee

Hope to hear you on the air this weekend!

73 de Dave NR3E/5

nr Dallas, TX

qrp-1 #25, ARRL

WIMPS: Qs=030 30m=028 17m=02 12m=00 States=024/02/00

DX=02/00/00

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)

Subject: [18588] power connectors/smoke test

Message-ID: <9704292112.AA26839@krypton.nmr.Hawaii.Edu>

The first thing I did when I got my TenTec and for that matter the MFJ9020, was to insert a BIG power diode in the special power cable provided. I used a six amp since my TenTec only pulls 3 amps at most. Sure you get about .6 volt drop across the forward biased diode, but you cannot hook the cable up backwards and damage the rig with this mod. I just opened the positive lead near an inline fuse holder, added the diode which was covered with heat shrink. Now the power cord is "one way". Handy for a rig that keeps getting its power cord hooked to various batteries and DC power supplies. If hooked up backwards, it just sits there waiting for you to figure out your mistake.

Of course if your rig has the little coaxial adapter hole there are more dangers than just the right polarity. There are about two dozen different voltage and power outputs from the various wall warts that use these coaxial connectors as well as A/C output versions. I have used label tape to put little identifying flags near the coaxial plugs on most of my wall warts so you can verify what you are holding before you plug it into the back of the rig/keyer/geehaw/widgit/etc.

Without ID's all those little coaxial plugs look alike.

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: Randy Hargenrader <randyh@harksystems.com>

Subject: [18579] QRP Etiquette

Message-ID: <336646EF.341A@harksystems.com>

One thing I learned while operating at Portsmouth Is. might fall under the heading of "Etiquette for the QRPer". Let me explain. During one of the less than frenzied operating hours of one of the nights on the island, a decision was made to try out one of Bob's (AE4IC) SW Xcvrs. Bob presented the radio from his luggage and having received it I proceeded to look for the power receptacle. Spotting a likely hole I asked, "So, Bob, is center positive?" and before he could answer I promptly jammed home the power plug. In cool "Bob-like" fashion, he dryly responded, "Yes...and you could have waited for me to answer." Realizing that my assumption on polarity could have been disastrous I immediately started sniffing for smoke! There was none, thank God!! And, of course, I was feeling pretty sheepish that I had cheated "death" this time! (the rigs' and possibly *mine*) Lesson: don't assume the polarity of the power connector on a HB rig. And, let the owner of the rig answer "the" question first!

--

73, (Sir)Randy WJ4P
Knightlites QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: ALK0FRP@aol.com
Subject: [18548] QRP from Montana
Message-ID: <970429100237_-1534221209@emout07.mail.aol.com>

Gang

I thought I had QRP to QRP qso with Montana but checked my logs and no. So along with Hawaii I need Montana QRP "H E L L O out there" any one from Montana for a weekend sked ???
Still no rig with me in Chicago can't get permission for an antenna and there are 16 surveillance cameras going ????
Have to make the sked on weekend or next week I'll be home from May 2 to May 10th.

Al K0FRP

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: George Gingell <k3tks@u1.abs.net>

Subject: [18526] QRPP "SPRING 1997"

Message-ID: <Pine.BSI.3.93.970429004037.894B-100000@u1.abs.net>

Just a short note to say thanks for another Great issue to Doug & Company. "84 PAGES"! Wow! Talk about a nice Schematic in the Centerfold. That alone should make the "BIG" magazines jealous. 38 Special on one side and "SST" on the other. One thing just occurred to me, the Test info might Dissapear when it is photo copied? (Blue Ink) Maybe Doug will sell "Reprints" :^) I haven't had a chance to start reading it yet, but I can tell from scanning thru it that it is a Winner.
TKS AGN Doug & Staff. Real nice job.

72 ES

QRP DX TU (C) 1986, G. Danny Gingell, K3TKS@abs.net "Danny"
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
QRP ARCI Net Manager and Board of Director Member.

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "John A. Evans - N3Q00" <jaevans@cos.cst.titan.com>
Subject: [18566] QRPP address correction lines !!!!
Message-ID: <199704291638.MAA48403@nss2.CC.Lehigh.EDU>

OK,

Did anyone notice the humor on the cover of the latest QRPP ??

Check out the address correction notice and read it carefully !!!
Doug, you guys are great !!!

john, n3qoo

John A. Evans Chief System Administrator
Office: (719) 528-1800 x164 Titan Client/Server Technologies
Fax: (719) 528-1275 1115 Elkton Dr, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [18576] QRPP centerfold schematic
Message-ID: <199704291828.MAA15664@zia.aoc.nrao.edu>

I have received gobs of good words about how nice the 38-S schematic looks - thanks. And also a gob of email on what program(s) I used.

First, I decided to split the 4016 to more vividly show the switching functions, and to more balance the schematic on the sheet. The circuit was loaded using OrCad, saved as an H-P graphics file. Then I imported it into CorelDraw to clean it up and add the NorCal boarder and wording. The voltages were also added while in CorelDraw (on level 2 for you CD users) and run out on an ink-jet printer on two separate sheets ... one for the black ink art, and the second for the blue ink art ... which was given to the printer for the 2-color result.

I plan on doing the same for the SST in a future QRPP if OK with Doug and Wilderness Radio.

The drawings I did on Vern's SLV article and Hints & Kinks were drawn by hand and either pasted directly in place, while a couple were scanned in to add the shade screens. I also hand drew the illustration of for the dummy load based on instructions given my over the phone. Then Doug faxed me the article so I could see the size it had to be ... and upon reading the one page, discovered the lid on the can was on the BOTTOM. So I have a drawing of that dummy load can with the lid on the TOP if anyone wants -hi.

Thanks for your kind words. For those of us who do the work on QRPP, QRP Quarterly, etc., it's nice to know it's appreciated.

TNX, Paul NA5N

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [18568] QRPP Index error
Message-ID: <199704291643.LAA22483@chuck.dallas.sgi.com>

Gang,

That's what I get for using the screen features, capturing a line from the old file etc.

It was Vol 5, Number 1 for the current issue of QRPP.

Life goes on.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=031 30m=21 17m=5 12m=0 States=18/05/00 DX=03/00/00 QSLs=005

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: Buck Switzer <n8cqa@tir.com>

Subject: [18550] QRPP Spring 1997

Message-ID: <199704291404.KAA17141@tir.com>

Doug & Jim - Received mine 04/28/97. Excellent!!!!!!!

72/73 Buck

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: adams@chuck.dallas.sgi.com (Chuck Adams)

Subject: [18593] QRPP Subscription Rates

Message-ID: <199704292230.RAA23140@chuck.dallas.sgi.com>

Gang,

Here is the information that may be of interest of those that have been QRPP subscribers since the beginning. I post here because it is important to me and to you that Jim and Doug do not lose money on something that they do for all of us.

It will also cut down on postings to this group wondering where their issues are when some get them early and some get them much later than expected due to the migration of mail across the country at different speeds due to internal handling of mail within the USPS system.

So please listen up and read carefully and drop them a check ASAP. I know that a lot of us gave on April 15th, but a few bucks shouldn't be that much trouble.

As published in the last issue of QRPP.

FYI

QRPP Subscription Rates

QRPP subscriptions have gone up to \$15 effective Feb. 1, 1997 for US subscribers. This decision was not made lightly, but was done after long hours of soul searching between Jim and I. We have a serious problem here in the US with delivery of bulk mail by the US Post Office. The winter or December issue of QRPP was mailed the last week of December to avoid the Christmas mail rush that was encountered last year. Was that ever a mistake.

Delivery was horrible, with many members not receiving their issues until March!! Jim and I both received hundreds of messages about "Where is my QRPP? Am I on the list, etc. etc." This was understandable, but it took a tremendous amount of time for Jim and I to read each message, check the data base, and then compose an answer.

Many were upset that their issue was delayed, but neither Jim nor I could do a thing about it. We published it, we sent it to the printer, and he mailed it. I have proof, as I have a copy of the Post Office receipt when he delivered the copies to the Post Office.

Therefore, we are going to start mailing QRPP First Class Mail to all subscribers in the US. That means that we have to have more money for subscriptions, as the cost is significantly higher. Also, the printer has informed us that our printing costs are going up also.

The problem is that we have a lot of unsent issues that were subscribed to at the bulk mail rate. Again, Jim and I discussed this, and we will honor our commitment to send out issues for the old rate. But, we would like your help.

If you will look at your mailing label on this issue, you will see an expiration date. If you did not subscribe at the \$15 per year rate, Jim and I are asking that you send us \$1 for each remaining issue in your subscription. Use the table below to figure out your rate. If the expiration date is:

June 1997	= \$1
Sept 1997	= \$2
Dec 1997	= \$3
Mar 1998	= \$4
June 1998	= \$5
Sept 1998	= \$6

Dec 1998 = \$7
Mar 1999 = \$8

Please send to

Jim Cates WA6GER
3241 Eastwood Rd.
Sacramento, CA 95821

This applies to US subscribers only.

We will not keep track of who sends in extra money, that is not our purpose. Jim and I will make up the shortfall if necessary, but we do appreciate your help.

Also, starting with this issue, we will have a Spring, Summer, Fall and Winter issue of QRPP. I will try and get it out in March, June, September and December, but there may be times that I am a little late. This is a hobby, and QRPP is a club publication, NOT a commercial magazine. I am the only staff member of QRPP, and Jim is the only one doing the paper work. Please have patience with us.

We regret the subscription increase, but feel that it will be worth it to have timely delivery of QRPP.

72,

Jim Cates WA6GER and Doug Hendricks KI6DS

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/>
WIMPS: Qs=031 30m=21 17m=5 12m=0 States=18/05/00 DX=03/00/00 QSLs=005

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [18546] QRPP Vol14 Nr4 Index
Message-ID: <199704291342.IAA21997@chuck.dallas.sgi.com>

Gang,

Got mine this morning on the way to work. Here is the first pass at the table of contents. Yet another excellent printing from the gang at NorCal and the many members that contribute time and time again to the growth

of the organization and the growth of the hobby.

Someone asked about the foldout and how it photocopies. Well on a Sharp SF2040 (not my favorite copier, been there done that) the blue areas do photocopy with no problems. Maybe on an older copier and I can't think of one older than the above that might be working. :-)

So those of you who let your subscriptions expire, and some of you did, you made a big mistake. Buy the reprints from Doug. QRPP is like The State Fair of Texas, it gets bigger and better every year.

FYI de K5FO

Add this to your previous copy of my index of QRPP, now 770+ lines long.

QRPP Volume IV Number 4 December 1996

>From the Editor	Doug Hendricks KI6DS	2
Subscription Rate to QRPP Increase	Doug Hendricks KI6DS	3
Return of the Gimmick Capacitor	Floyd E. Carter K6BSU	4
Comparing Filters in the NC40A & Sierra Transceivers	Robb Rutledge KD6PFL	4
The Rambo Audio Board = More Audio for the HW-8	Floyd E. Carter K6BSU	8
RF Fun with the RF-1	Dan Maguire AC6LA	.10
ScQRPIon Visual SWR Indicator (SVSI)	Dan Tayloe KK7BD	.22
QRP To The Field	NorCal QRP Club	.25
A Treasure from a True Friend	J.L. McClurkin	.26
Resonant Speakers for CW: A Mounting Technique for a Speaker in a Tube	Bob Barry WB2CWA	.28
OHR100 Review	Chuck Adams K5FO	.29
The E-DIAL: An Electronic Dial for Varactor Tuned QRP Rigs	Bill Jones KD7S	.33
The SST: A Simple Superhet Transceiver For 40 Through 20 Meters	Wayne A. Burdick N6KR	.36
A Good 'n Cheap QRP Dummy Load	Dave Fifield KQ6FR	.45
The W6MMA SLV Portable Antenna	Vern Wright W6MMA	.48
The Ol' Kenwood Stories	Bob Tellefsen N6WG	.53
NorCal 38 Special Mods	A Cast of Thousands	.59
NC38S: Mods to the 5 Watt Mod	Michael A. Gipe K1MG	.59
RIT Mod for the 38 Special	Jerry Henshaw KR5L	.60
TICK Keyer Mod	Brad Mitchell WB8YGG	.61
38S: Audio Level	Ori Mizrahi-Shalom AC6AN	.61
38S Choke Changing Made Easy	Daniel C. Winkler N7IVR	.61

38S: Board Pad Nr's vs. Functions	Stephen M. Smith WB6TNL . . . . .	.62
Improving the Receiver in the 38S	Roy Gregson W6EMT . . . . .	.62
Another Way to Change Choke Values	Mike McShan N5JKY . . . . .	.62
Adjusting the Tuning Range of 38S	Mal Goosey . . . . .	.63
A Simple Way to determine is TC-1 is at Minimum or Maximum	Glen Leinweber VE3DNL . . . . .	.63
Diagnostic Voltage Measurements for the "38 Special"	Paul Harden NA5N . . . . .	.63
Remove a Turn on a Toroid the Easy Way	Al Hunter AA6SO . . . . .	.65
K7TP Builds the 38 Special	Grover Cleveland K7TP . . . . .	.65
Adjusting the 38S VXO	Jim Kortge K8IQY . . . . .	.66
Linearize the Tuning on you 38S	Dave Fifield KQ6FR . . . . .	.66
A 38S Mod for Better Sideband Rejection and Filtering	Glen Leibweber VE3DNL . . . . .	.67
NC38s: Linearized Tuning CCT	Glen Leibweber VE3DNL . . . . .	.68
Variable Output Mod for 5W 38S	Brian Kassel W5VBO . . . . .	.69
K8IQY's Optimized 38 Special	Jim Korge K8IQY . . . . .	.70
QRP Hints & Kinks A NorCal Exclusive	Paul Harden NA5N . . . . .	.75
38 Special Transceiver Kits	Jim Cates WA6GER . . . . .	.79
Back Issues of QRPp and Subscriptions	Doug Hendricks . . . . .	.79

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=031 30m=21 17m=5 12m=0 States=18/05/00 DX=03/00/00 QSLs=005

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: Jerry Parker <jparker@fix.net>

Subject: [18504] QRPTTF Reports

Message-ID: <2.2.32.19970428231742.00747c0c@fix.net>

The QRP to the Field reports have been posted off the NorCal Page

complete with a Table of Contents.

<http://www.fix.net/norcal.html>

Enjoy,,,,,72,,,Jerry...WA6OWR...K

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: nf0r@slacc.com
Subject: [18520] QTTF
Message-ID: <9704282057.D1904Vh@slacc.com>

Hello!

I managed to devote about ninety minutes for QTTF portable but not by choice. An errant PL-259/BNC adaptor left behind on the bench required a trip back home. This was discovered *after* I had set up the station and the antenna! I usually do this about once each year so hopefully my QLF quota for 1997 has been duly met.

The station was an Argosy II running 5W to an SLV with W6MMA's 10-40M coil. Used four folded twinlead radials cut for 40M. Same as used for the original SLV which is center-fed. I'll make up a set of Vern Wright's multi-band rotor cable radials pretty soon.

retty soon. Time??

Took about six minutes to tune to a 1:1 match on 40CW using the bridge in the rig. A little less time on other bands. I had to shorten the radiator about four feet to get a match on 20M which was expected. The tune-up process is tedious but not difficult. I suppose this was the way things were done before the little direct frequency readout devices came on the scene. Once the settings are recorded it's a snap to re-tune.

Worked eight stations on 40M and four on 20M plus one on 30M just to see how things worked on that band. Goes without saying that condx on Saturday morning/afternoon weren't too hot. My operating location near power lines could have been better but it was convenient.

I really like Vern Wright's 10-40M coil for the SLV. It's size and weight are very manageable in the field. If you don't anticipate running 80M portable then the smaller coil is the way to go.

One of the SLV's design goals was an ability to get on the air quickly. With this in mind it has been helpful to me to develop an installation routine and stick to it.

I keep all my SLV accessories including coiled RG-58 feedline and coiled twinlead radials in a plastic half-gallon container. It is re-packed in order of assembly.....except when I forget a coax adaptor! <g>

Thanks to all those making QTTF happen this year!

de Dave, NF0R nf0r@slacc.com

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [18510] QTTF Scoring
Message-ID: <199704290040.SAA06137@lynx.csn.net>

Can someone please confirm whether SPCs are multipliers in QTTF, and what's the story on amalgamation of club or group logs? I've seen sort of conflicting references to both.

I checked the rules on the Norcal web site, and found no reference to SPCs other than as part of the exchange, and no mention of group logs.

Thanks!

73

Marshall Emm

AA0XI/VK5FN

aa0xi@mtechnologies.com

<http://www.mtechnologies.com/mthome>

<http://www.mtechnologies.com/mthome>

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Neil Heckt <neil@aade.com>
Subject: [18535] R2 kit?
Message-ID: <33659B87.C25@aade.com>

Does anyone sell a complete (less vfo) R2 receiver kit?

--

Neil

Homebrew Heaven at <http://www.aade.com>

Home of L/C Meter IIB and Digital Frequency Display

Links to sites of interest to Engineers, Amateurs and hobbyists
interested in Circuit Design and construction.

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Kory Hamzeh <kory@avatar.com>
Subject: [18505] Reed Relays for QSK?
Message-ID: <Pine.BSI.3.91.970428162259.15070A-100000@avatar.avatar.com>

Do anyone know the response time of a typical reed relay, and if that can

be used for QSK? If not, semi-QSK?

Thanks,
Kory
AC6RN

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
Subject: [18571] Scope probe source?
Message-ID: <Pine.BSI.3.93.970429132134.5586C-100000@u1.abs.net>

This is sort of QRP related--I'm passing on a request for info from W4LJD, Frank Brumbaugh, who does not have e-mail but does contribute heavily to my Idea Exchange column in the QRP Quarterly, and if he gets the info he needs he can do even more experimenting and write even more QRP things!

He recently got a used scope and needs a source of probes--preferably used but functional and inexpensive. Does anyone know a good place to get them?

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Pete Meier -- WK8S <pmeier@tir.com>
Subject: [18545] SGC Email Address
Message-ID: <199704291315.JAA08353@tir.com>

Please send me SGC's email address someone.

Thanks, Ignore this request after 4/29/97 afternoon

Pete WK8S

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [18572] Some more antenna basics
Message-ID: <Pine.SOL.3.94.970429133409.16157A-100000@utkux4.utcc.utk.edu>

The series of articles I am doing for Low Down, the journal of the Colorado QRP Club, will be added to my website after each installment

appears in print. The approach is somewhat different than the approach taken in the An-Ten-Ten-nas collection (and the series is a good bit younger). The new series will tend to focus on lower HF wire antennas, while the older series tends to focus on topics of interest to 10-meter operators. Inevitably, there will be overlap, but perhaps not as much as one might think--at least not for quite a while. The new series will grow faster, since Low Down publishes bi-monthly, while 10-10 News is quarterly. The space permitted by the new series also allows me to throw a few more words and graphics at each topic. The first 3 in the series are now on line.

The on-line versions are not a substitute for the real paper thing, so I encourage memberships where appropriate. Besides, not everyone on these lists has browser capability.

Happy reading when the bands are closed or the spring thunderstorms force a disconnect.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off) (423) 974-7215
1434 High Mesa Drive	/	\	\	----	/	---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	/	/	||	(FAX) (423) 974-3509
37938-4443 USA	/	\	\			||	cebik@utk.edu
URL: http://funnelweb.utcc.utk.edu/~cebik/radio.html							

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
 From: Dale Anderson <dalea@artemis.fc.hp.com>
 Subject: [18562] Sporadic-E TODAY!!!
 Message-ID: <9704291615.AA12266@artemis.fc.hp.com>

Hi all,

While the "rugrat" was watching channel 2 this morning during her breakfast, I noticed a familiar interference on the screen. I flew to the basement and tuned to 10m. I could clearly hear KB9DJA beacon on 28.220 and some SSB on 28.335. Almost called in sick today...

Just thought I'd mention it, for those of you who are home and can "play" today.

72 es 73!

de Dale, KB0VCC

Fort Collins, CO

QRP-L #91 / CQC #251 / ARS #234 / FISTS #3172

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: Jerry Parker <jparker@fix.net>

Subject: [18549] SST Special from Wilderness

Message-ID: <2.2.32.19970429140603.006ceaa0@fix.net>

Bob at Wilderness has extended the ordering window for the SST

to June 1st. For those of you who havent received your QRPP yet

have no fear, you will still be able to get the special introductory price.

72,,,Jerry...WA6OWR...K

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: timcook@erinet.com

Subject: [18522] Trade OHR-100 Kit

Message-ID: <33655F14.4E06@erinet.com>

I just bought a 30m OHR-100 kit last week because I couldn't find a OHR-100 or Explorer II for 30m already assembled. Since I ordered the kit, I have had several responses to my original request. My vision not being what it once was will not allow me to do the kit justice, therefore I would like to possibly work out a trade with the unbuilt kit (still sealed from OHR) for an assembled Explorer II. Not interested in other radios thanks.. Maybe someone would like the adjustable 0-5 watt output or the variable bandwidth control of the OHR-100. Anyone have any offers in mind?

Thanks
Tim
NZ8J

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Nick Franco <kf2ph@bnl.gov>
Subject: [18578] Vacation Stuff
Message-ID: <01BC54AF.5F6E37C0@nickf.rhic.bnl.gov>

Hi Gang,

Well, I'm back from my loop trip. LI to SC to Port Richey, Fl to =
Roanoke, Va and home again. I didn't bring any HF gear with me but I =
did bring my golf clubs and played with one of my sons while away. I =
brought the HT but not the repeater guide (Oh Well).

When I got to my dad's house in Va., a cousin stopped by.(K2CX). He had =
one of those screwdriver verticals you guys were talking about. It was =
pretty cool. He had some bracket on the station wagon to support the =
whole thing, but it seemed to work very nicely. He has an IC-706 in the =
car which has a nice tuning approach, showing SWR and using output power =
protection. All in all a very nice little setup if you have the \$ to =
outfit your mobile station that way. Me, well the NW-40 and a Hamstick =
is about my \$ limit :-)

After Chuck's note a few weeks back about FISTS, I dug out an old =
application where someone sponsored me and finally sent in my \$15. So =
I'm now an official FISTS member and proud of it. Something I've wanted =
to do since I got my license in 1991. Now I'll have to add the FISTS =
logo and my number to my QSL cards. Good thing I make the cards myself. =
I can add and take away anything I want :-)

Well I'm glad to be back home and back on 40 in the car. I guess it =
should be time soon for TMPS again. Time is flying by here. Have a =
great day all. CUL.

72,
Nick - KF2PH

Nick Franco - KF2PH QRP-L # 13 NE-QRP # 349 ARS # 127 FISTS =
3199
QTH: PATCHOGUE, LI, NY -- Email: kf2ph@bnl.gov
Home Page: <http://www.rhichome.bnl.gov/People/franco>

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Jim W7LS <w7ls@brigadoon.com>
Subject: [18531] Want "Oner" vfo schematic, please
Message-ID: <199704290543.WAA25880@siskiyou.brigadoon.com>

Hi, all. Can someone please direct me to where the "Oner" vfo schematic is on the web? I think Kanga has them, but I don't recall seeing a schematic anywhere. Anyone have experience with it? Is it stable enough? Thanks/73 de Jim, W7LS

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: James Parsons <k5rov1@worldnet.att.net>
Subject: [18560] Whoops! sorry about that...
Message-ID: <33660F7C.2312@worldnet.att.net>

I answered a question about type of keys and sent it CC to the qpr-1 reflector. I forgot that I was answering a question found on the Newsgroups. Sorry for the bandwidth..

Oh well, I find the advantage to being old, and making mistakes, is that everybody chocks it up to senility, and disregards it. That even happened when I left my zipper open one day.

73..

--

James (Jim), Parsons, K5ROV USAF, Ret.
k5rov1@worldnet.att.net
EX: W1RLA, K5FBB, K4FEO, SVOWN (CRETE), SVOWN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [18513] xe1/k8zaa Randy on NOW!
Message-ID: <Pine.GS0.3.95.970428210629.29144A-100000@orichalc.acsu.buffalo.edu>

Hi Gang,

I just worked Randy in Mexico on 20M at about 14.057 with 4W both ways.

time is 0110. Have fun. Oh, W3GW/qrp is working him right now and is 599

near Buffalo. Is he one of us?

72, Mark N2VPK
Member of the Buffalo QRP Connection

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: n0acs@juno.com (John R. Morris)
Subject: [18580] Yaesu VHF multimode for sale.
Message-ID: <19970429.130211.10199.7.N0ACS@juno.com>

NEED MONEY FOR TRIP TO DAYTON!

FT-690 SOLD

YAESU FT-290

Great 2 meter multi-mode rig. Clean but a few scratches, with mobile mount, hand mike, separate Ni-cad battery pack, and Ni-cad charger. Includes manual and portable antenna.

Note: The above rig was used in my station, and never mobile. I purchased a Yaesu FT-736 in December of 1996 and haven't used the FT-290 more than 1 or 2 times since. So I decided to sell it.
\$500.00 shipped to lower 48.
NON-SMOKER.

John@PHOENIX CRYSTALS
replies to: n0acs@juno.com
or Phone: 1-417-667-6179 aft 6 PM CST
or FAX: 1-417-667-6169

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "Owen 'OJ' Quarles" <k1oj@swbell.net>
Subject: [18592] [Fwd: Re: TX QSO Party]
Message-ID: <33667270.18E9@swbell.net>

Message-ID: <33667206.4FD7@swbell.net>
From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [18508] RE: 16WATT Dummy Loads
Message-ID: <Pine.GS0.3.95.970428200803.21939D-100000@autarch.acsu.buffalo.edu>

I suddenly got a lot of mail.....Well let me say this...
The dummy load is too cheap to send a check for and definitely too cheap
to send a money order :-)

I do have to cover postage. If interested in the dummy load; send
15 - 32cent stamps to cover the cost and shipping. This is less than most
"handling charges". To keep track of everyone... You will have to email
your intent and I will give you my mailing address.

Not hauling it to Dayton is not a problem... I can just as easily drop it
in an envelope. The post office can use the business.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Raventhorne <jelder@ix.netcom.com>
Subject: [18527] Re: 38S Tuning Range Results
Message-ID: <2.2.16.19970429221555.2a1fb1c2@popd.ix.netcom.com>

>If anyone has inductors I could buy off of you, I'd be happy to reimburse the
>cost of postage and component(s). I'd feel really silly doing a DigiKey order
>for just one or two components.

If all else fails, Dan's Small Parts has inductors, about 4/\$1.00. You could
try several values near 4.7 uH for only a few buck . . .

72,

John
@~~~~~
@ John Elder, K06TS - King Of 6 Tiny States, ex: KD6HSK, N5FFH, WB6UWL, WN6UWL
@~~~~~

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: "John A. Evans - N3Q00" <jaevans@cos.cst.titan.com>
Subject: [18569] Re: AK contact last night (this morning)
Message-ID: <199704291644.MAA62157@nss2.CC.Lehigh.EDU>

> Congrats and what freq??
>
> 73/72
> Gary - W2UX
> CW is the REAL THING!
>

Oops !!! Forgot - I did say I was in the adrenaline burnout mode.
I worked Marty on 40m at about 7.043 at around 0620Z. I suspect he was
about ready to hit the sack as I woke up and nabbed him !!! I did not
get a power report from him at the time, but I suspect he was QRO - he
had a nice strong signal (579) into Colorado Springs.

john

John A. Evans Chief System Administrator
Office: (719) 528-1800 x164 Titan Client/Server Technologies
Fax: (719) 528-1275 1115 Elkton Dr, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Stan <stan@cruzio.com>
Subject: [18534] Re: BS7H on now
Message-ID: <3365996A.FB3@cruzio.com>

Floyd Smithberg wrote:

>
> Just worked BS7H on 14023.8...5W here to 3 el yagi time 0522 utc.
> 72/73 Floyd NQ7X Phoenix ScQRPion DM33UQ
> ARRL ARCI NORCAL G-QRP AARP DXCC ETC
>
> .-I think you worked bs7h/mm .. sri..

Stan , N6XU

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [18556] Re: BS7H on now
Message-ID: <Pine.SUN.3.90.970429073739.13572B-100000@vortex>

On Mon, 28 Apr 1997, Floyd Smithberg wrote:

> Just worked BS7H on 14023.8...5W here to 3 el yagi time 0522 utc.

Hi Floyd,

This was on one of the DX spots....

"BS7H/MM was very active yesterday with a decent signal on their way to Scarborough Reef on both 14024 and 14195. Tim, N4GN, spoke with them around 12:15Z and they reported they were making good time and still planed to be on the air around 02:00Z April 30th."

But it's a good warm-up for the real thing!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Wayneb1103@aol.com
Subject: [18533] Re: CW Filter
Message-ID: <970429022841_153309927@emout19.mail.aol.com>

In a message dated 97-04-28 16:20:12 EDT, you write:

<< have a Ten Tec 1340 that I built. Works great. I am interested in adding a CW filter, to it. The public library has QST, 73, etc., back to around 1980. >>

QST 1983, April issue, pp 45. Understanding and using audio filters. Step by step for designing your very own active filter.

73's

Wayne WB7WHI
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: wd4et@juno.com
Subject: [18587] Re: Definition of a BUG is Vibroplex!
Message-ID: <19970429.163206.4374.0.wd4et@juno.com>

I purchased a Vibroplex Square Brass Racer last year. It was damaged in shipping. When I called the factory number, Mitch W40A, himself answered the phone. He gave me the details necessary to return the racer. It was repaired and returned. Round trip was less than a week.

In addition, they sent along a beautiful gold plated logo mug to boot!

Fine service and product.

73, Jeff

Just a customer.

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Peter_Simpson@3com.com
Subject: [18542] Re: Digital Receivers
Message-ID: <85256488.00405AD6.00@hqoutbound.ops.3com.com>

Peter Simpson@3COM
04/29/97 03:45 AM

The current issue of RF Design magazine has an overview article on this very topic. Seems that a 30 Mhz receiver may almost be within the reach of the average human. The article talks about a system which uses an RF mixer and LPF to generate a 30 MHz wide IF signal which is then digitized and processed by many individual digital receivers.

Peter, KA1AXY

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [18502] Re: First CW Kit, First CW Contact, First Try!
Message-ID: <19970428.154311.3494.3.gsurrency@juno.com>

Re: KN3ESD

He was Killed iN 3 ElectroStatic Discharges.....

Not really, but it sure would be a great phonetic callsign!

73,

Gary Surrency AB7MY
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [18503] Re: First CW Kit, First CW Contact, First Try!
Message-ID: <19970428.154311.3494.2.gsurrency@juno.com>

Great Job!

Hope you get some of your students to learn and enjoy this hobby as well.

Stay tuned to this reflector for the Fox hunt coming later this year, and have fun along the way!

Hoping to hear your sigs,

73,

Gary Surrency AB7MY
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: Dana Michael <damichael@amp.com>

Subject: [18539] Re: FOR SALE: CENTURY-22, ARGONAUT 509, 405 AMP, 251 P.S. , OMNI-A, #289 N. B. , IC-706

Message-ID: <199704291111.HAA56121@nss2.CC.Lehigh.EDU>

Dana Michael wrote:

>

> Dana Michael wrote:

> >

> > FOR SALE:

> >

> > CENTURY-22 including #226 calibrator, built in Curtis 8044 Keyer,

> > and #1179 circuit breaker with original manuals. In

> > excellent condition. \$325

> >

> > ARGONAUT 509 includes Astatic hand mic and original manual.

> > Good condition, with some scuffs and scratches. \$275

> >

> > #405 AMP and #251 Power Supply. With original manuals. Good

> > condition some scuffs and scratches. \$200

> >

> > OMNI-A includes Astatic hand mic and original manual. Very

> > good condition. \$300

> >

> > #289 Noise Blanker for the DELTA 580. With hardware and manual. \$50

> >

> > ICOM IC-706 very good condition with manual. \$995

> >

> > BC-560XLT Bearcat 16 channel scanner. With wall cube P.S. and

> > manual. Very good condition. \$100

> >

> > Interested?

> >

> > Call 1-717-810-2891 from 6:30 AM till 3:30 PM EDT or 1-717-896-3973 from

> > 4:00PM till 10:00PM EDT or e-mail.

> >

> > Thanks es 73, D. A. MIKE Michael W3TS

>

> The CENTURY-22 has been sold, the other gear is still available, thanks.

The #289 Noise Blanker has been sold, the other gear is still available,
Thanks.

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Stanley Wilson <microres@crl.com>
Subject: [18524] Re: Further Definition of a BUG?
Message-ID: <Pine.SUN.3.91.970428200412.14656C-100000@crl10.crl.com>

Bugs Well they are neat, take a while to learn how to use. I still mess up after 40 years. They make the dots sort of semi-automatic. Single lever move to one side and it vibrates and make dits. Move to other side and you make the dahs. Fun to use. have a couple of weights on the lever that you move out to the end for slow speed and toward you for fast. I seen a guy so good that he could operate one without the weights. I keep mine at the slow end and that is about 17 wpm. Lot of good ones around for \$50 to \$125 each. Think a new one cost more. I collected about 20 over the years hard to find at a ham fest anymore.

Get you one and try it out. Can always sell it for what you paid if you decide to go back to an electronic keyer.

vibroplex is the brand to buy... top of the line. give amateur electronic supply a call or HRO, etc I bet they will have one in stock. It will cost more than a NorCal 40A. Will last a life time. I got mine used in 1959 and it had spent a good life on the railroad for 20 years before that and it still runs and looks like new. Chrome ones look nice on the table even if you are not using it.

Cheers, de stan ak0b

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "Jerry Martin" <jmartin@tofu.alt.net>
Subject: [18567] Re: Help with TenTec 1340
Message-ID: <199704291640.JAA29099@tofu.alt.net>

> I have a ten tec 1340 kit that Im having problems with. The rx works
> fine but the tx has reduced power output (< .1 watt). If I change swr
> with my tuner to 1.3 to 1 the power output goes up to about 3 watts
> but the side tone becomes very loud and distorted.
>
> any ideas.
>
>
> Gary Wilcox
> Gary Wilcox

> Commonwealth Aluminum

The wattmeter will not show a real power level unless you are transmitting into a 50 ohm load.

Try transmitting into a dummy load of 50 ohms.

Look for bad solder joints. Did you solder to the ground plane on the top of the board where the instructions indicated?

Another place for errors is on toroids. If you didn't get the insulation all scraped off. Try ohming from one solder pad to the other across the coils.

Is the final transistor insulated from the heat sink?

Hope this helps.

Jerry Martin
NOBWA
jmartin@alt.net

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: John Fletcher <johnf@innotts.co.uk>
Subject: [18584] Re: Keyer vs Bug
Message-ID: <199704292009.VAA11925@carlton.innotts.co.uk>

Hi All!

The guru who taught me to read and send Morse code back in 1974 (Harry, G8QZ, a wartime signaller and member of the First Class Operator's Club) told me that if I used a fully automatic keyer it would ruin my fist, so I never used one. A friend and fellow pupil of Harry's was given the same warning but decided to try one anyway. It took him two years to get his fist back. Harry said that a Vibroplex semi-automatic "bug" key with its auto dits but do-it-yourself dahs would have no harmful effects. I bought one and I love it, but as my reading speed is about 18 w.p.m. and I can achieve that on the straight key, the bug doesn't get much use. Mine too has a piece of sponge behind the dit contact to damp vibration. It also has an extra-heavy weight made from the stainless steel piston of a huge syringe that got broken; it's about 1" diameter and 1" long and it slows the bug down to a speed that even I can manage.

As for the meaning of CW, I understand that "continuous wave"

means that the amplitude of the signal is constant while the key is closed. This distinguishes a CW transmitter from a spark transmitter whose output was in bursts of decaying waves - distinctive, but not environmentally friendly.

72 all de John G4EDX

P.S. If vegetarians eat vegetables, what do humanitarians eat?

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: John Fletcher <johnf@innotts.co.uk>
Subject: [18589] Re: Keyer vs Bug
Message-ID: <199704292013.VAA12111@carlton.innotts.co.uk>

>Date: Tue, 29 Apr 1997 21:08:57
>To: Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>From: John Fletcher <johnf@innotts.co.uk>
>Subject: Re: Keyer vs Bug
>
>Hi All!
>
>The guru who taught me to read and send Morse code back in 1974
>(Harry, G8QZ, a wartime signaller and member of the First Class
>Operator's Club) told me that if I used a fully automatic keyer
>it would ruin my fist, so I never used one. A friend and fellow
>pupil of Harry's was given the same warning but decided to try
>one anyway. It took him two years to get his fist back. Harry
>said that a Vibroplex semi-automatic "bug" key with its auto dits
>but do-it-yourself dahs would have no harmful effects. I bought
>one and I love it, but as my reading speed is about 18 w.p.m.
>and I can achieve that on the straight key, the bug doesn't get
>much use. Mine too has a piece of sponge behind the dit contact
>to damp vibration. It also has an extra-heavy weight made from
>the stainless steel piston of a huge syringe that got broken;
>it's about 1" diameter and 1" long and it slows the bug down to
>a speed that even I can manage.
>
>As for the meaning of CW, I understand that "continuous wave"
>means that the amplitude of the signal is constant while the key
>is closed. This distinguishes a CW transmitter from a spark
>transmitter whose output was in bursts of decaying waves -
>distinctive, but not environmentally friendly.
>
>72 all de John G4EDX
>

>P.S. If vegetarians eat vegetables, what do humanitarians eat?
>

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Raventhorne <jelder@ix.netcom.com>
Subject: [18530] Re: Lithium Batteries (best energy to weight ratio??)
Message-ID: <2.2.16.19970429223319.40076744@popd.ix.netcom.com>

At 04:47 PM 4/28/1997 -0400, Bernie Doehner wrote:

>I have Digikey's online catalog and there brief description keeps me at a
>loss on whether these are the rechargeable type Lithium batteries or not.
>

>Also, how should they be charged (what rate? Can I use a simple series
>resistor or is something more sophisticated called for?

I just threw away some propoganda from Maxim which described some Li+
charging circuits. See if they have any info on their web page.

72,

John

@~~~~~

@ John Elder, K06TS - King Of 6 Tiny States, ex: KD6HSK, N5FFH, WB6UWL, WN6UWL

@~~~~~

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [18552] Re: Lithium Batteries (best energy to weight ratio??)
Message-ID: <199704291421.HAA01736@smtp.well.com>

Hi Bernie,

>I just read the review of the SST in QRPP (thanks for the photocopy).
>This is the second time I see Lithium batteries used in conjunction with
>QRP rigs. Are these lithium batteries the same Lithium-Ion batteres and thus
>rechargeable?

No. These are relatively inexpensive 9V lithiums that cannot be recharged.
Lithium-Ions would be great, but as far as I can tell they're
prohibitively expensive right now. Anyone have better info on this?

>I like Wayne's internal 9V Lithium battery on the SST a lot, and want to
>consider doing that (and also the same thing with a higher capacity
>battery in my Cascade).

It's great for portable operation, but you have to reduce the transmit-mode current drain to less than 120mA, at least with the battery I mentioned. That means a power output of probably around 500-700mW, depending on PA efficiency. At this current drain, you could operate the rig key-down for 10 hours straight with a 9V, 1200mA-hour lithium. The same battery would give you nearly 100 hours of receive-only operation. For typical QRP operation, 80% receive and 20% transmit (or less), I'd expect some 20 to 40 hours. Not bad for such a small battery!

The Cascade draws WAY more power than an SST. You'll need a big battery no matter what power output you set it for :)

73,
Wayne

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Steve Galchutt <N0TU@webaccess.net>
Subject: [18521] Re: MRX-40
Message-ID: <33655C0E.7F78@webaccess.net>

Steve Bornstein wrote:

>
> G'day Steve,
>
> It seems as though mail service is a little on the slow side. Let me know if
> it turns up in another day or so.
>
> 73, Steve K8IDN
>
> On Mon, 28 Apr 1997, Steve Galchutt wrote:
>
> > Steve Bornstein wrote:
> > >
> > > G'day Steve,
> > >
> > > We have received your order for one MRX-40. You are #6. We expect to ship
> > > April 21.

> > >

> > > 73, Steve K8IDN

HI Steve

Yup...It showed up today (wrong zip slowed it down) It works great!
About an hour of casual assembly time while I chatted w/xyl did it. I
did a little mod to the pots too. I just bent the 3 soldier tabs 90
degrees to the rear before soldiering 'em into the board. This allows
the controls to face up. Now this little gem fits into the infamous
Altoids tin w/9volt battery and maybe even a pair of ear buds...I'll
have a pic up on the my web soon(end of week)! Tks CQrp and crew great
little RX and fun kit. May have to send one to my brother-in-law who
lost interest in HR 15 years ago. Tks Steve!! 73 Steve

"Just doing it" - Havin'a blast buildin'& usin'QRP gear that is...
n0tu/hw8/49er/SW40/38s/solar/backpack-mobile... QRP-L # 911
My homepage - <http://www.webaccess.net/~S&P> ARS# 206 CQC# 394

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: kt3a@juno.com

Subject: [18541] Re: NTIA 1996 Spectrum Allocation wall chart

Message-ID: <19970507.071007.5407.6.kt3a@juno.com>

Motorola offered one that is beautiful.
I don't know if it is available or not.
Maybe someone on the list could tell us.
When I get back to the office this week,
I'll check the pub number.

Cameron C.R. Bailey <><
Amateur Radio, KT3A
kt3a@juno.com
Mount Wolf, Pennsylvania

On Mon, 28 Apr 1997 13:04:53 -0700 torell@sicom.com (Kent Torell) writes:

>> Your US Government has created a nifty wall chart (30" x 40")
>>that shows the RF spectrum allocations as of 3/96. You can get one
>for
>>\$3.25 ppd., by calling 202-512-1800 and ordering #003-000-00652-2.
>
>I can vouch for this one. We use it at work, and the govt keeps it up
>to
>date. One of our co-workers got the postscript file for it, but I'm
>not
>sure where...

>
>Very Nice. 3 Khz to 300 Ghz
>
>
>Kent Torell torell@sicom.com 602-607-4852
>SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
>
>
>
>

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Peter_Simpson@3com.com
Subject: [18538] Re: NTIA 1996 Spectrum Allocation wall chart URL
Message-ID: <85256488.003A3115.00@hqoutbound.ops.3com.com>

Peter Simpson@3COM
04/29/97 02:37 AM

Sorry...should be http://www.ntia.doc.gov/osmhome/alloc_pr.html
and <http://www.ntia.doc.gov/osmhome/allochrt.html>

Peter, KA1AXY

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: James Parsons <k5rov1@worldnet.att.net>
Subject: [18558] Re: Paddle for Electronic Keyer
Message-ID: <33660D95.7BD6@worldnet.att.net>

Vince- ex:WV2RSX wrote:

>
> Recent addition to my station equipment is a Yaesu FT1000/d. I would
> consider buying a paddle to trigger the internal electronic keying
> circuit, but have little knowledge of what paddles are available.
>
> I would like to hear a description of the differences between an iambic

> paddle, a squeeze paddle, and a paddle that is set up similiar to a Bug.
>
> I have been using a Vibroplex Bug for many years. Which type of paddle
> would be easiest for me to learn after using a Bug for so long ?
>
> What are typical prices for New/Used paddles of each type?
>
> What are the names/websites of present-day manufacturers of keyer
> paddles ? I think they are Vibroplex and NYE. Any others of decent
> quality?
>
> I have a spare Vibroplex Bug here; has anyone converted one for use as a
> keyer paddle?
>
> Any opinions about the internal keying circuit of the FT1000/d ?
>
> Tnx/73s/de Vince
> QRV @ 7085kHz Baudot RTTY/CW

First, I won't tell you the differences between the different keyers and paddles..you will get many replies to that question. I will tell you that I also use a Yaesu FT-1000, along with other rigs I have. However, I prefer an external keyer, and use the CMOS III and CMOS III units.

There are many keys available, and all have advantages and disadvantages. But, I can tell you that if you are used to a Vibroplex bug, you just can't beat the Vibroplex Vibrokeyer. It looks like a bug, and feels like one, except you don't make your own dots and dashes; the keyer does that. But the feel is just like your bug, so the transition is very easy. They also make an iambic key, which I found impossible to learn after so many years using a bug. But, on the other hand, many of my friends made the change with no trouble at all. I guess its up to the individual. These keys sell used for about 65 dollars, depending on condition, And new for around 130 dollars. The are usually availble on the newsgroups. I have three of them, and love them. I also have some other keys, but for me, an old Vibroplex bug user, they just don't have the feel I like.

These are just my own opinions. They are not necessarily right or wrong, just right for me....and maybe you.

Best 73..

Jim

--

James (Jim), Parsons, K5ROV USAF, Ret.
k5rov1@worldnet.att.net

EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: "Phil, K6LS" <k6ls@amsat.org>
Subject: [18563] Re: PIN THAT CENTERFOLD ON THE WALL!
Message-ID: <33661103.2C0E@amsat.org>

ka7you@juno.com wrote:

>
> My QRPP arrived--84 pages, and the schematic/voltage/waveform on the
> center page is a knockout. Nice Job NORCAL!

I agree ! very, very nice job as supplied by our good friend
Paul Harden, NA5N.

I wonder what program he was using???

--
73 de Phil, K6LS

CM97QI, Merced County
k6ls@amsat.org
<http://www.qsl.net/k6ls>

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: AE0Q V31RY <v31ry@ix.netcom.com>
Subject: [18595] Re: power connectors/smoke test
Message-ID: <2.2.16.19970429225502.365732e6@popd.ix.netcom.com>

At 11:12 29-04-97 HST, Mike wrote:

>
>The first thing I did when I got my TenTec and for that matter the
>MFJ9020, was to insert a BIG power diode in the special power cable
>provided. I used a six amp since my TenTec only pulls 3 amps at most.
>Sure you get about .6 volt drop across the forward biased diode, but
>you cannot hook the cable up backwards and damage the rig with this
>mod. I just opened the positive lead near an inline fuse holder,
>added the diode which was covered with heat shrink. Now the power
>cord is "one way".

You can also put a diode ACROSS the power cable, AFTER the fuse, with it's
polarity backwards (anode to minus voltage). Then it will only conduct if

the power is connected backwards, and it blows the fuse. That way there is no voltage drop as with a diode in series with the power source. It also allows you to use a smaller diode than might be required for a high-power rig.

73 -- Glenn

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--
<http://www.qsl.net/ae0q>

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [18581] Re: QRP Etiquette
Message-ID: <33664B28.213@qsl.net>

Randy Hargenrader wrote:

>
> One thing I learned while operating at Portsmouth Is. might
> fall under the heading of "Etiquette for the QRPer". Let me
> explain. During one of the less than frenzied operating hours
> of one of the nights on the island, a decision was made to try out
> one of Bob's (AE4IC) SW Xcvrs. Bob presented the radio from
> his luggage and having received it I proceeded to
> look for the power recepticle. Spotting a likely hole I asked,
> "So, Bob, is center positive?" and before he could answer I promptly
> jammed home the power plug. In cool "Bob-like" fashion, he dryly
> responded, "Yes...and you could have waited for me to answer."
> Realizing that my assumption on polarity could have been disastrous
> I immediately started sniffing for smoke! There was none, thank
> God!! And, of course, I was feeling pretty sheepish that I had
> cheated "death" this time! (the rigs' and possibly *mine*)
> Lesson: don't assume the polarity of the power connector on a HB
> rig. And, let the owner of the rig answer "the" question first!
> --
> 73, (Sir)Randy WJ4P
> Knightlites QRP-L #296 ARCI #9152 1996 40-9er High Scorer

You aren't kiddin'

My kids mixxed up their Video game power adapter with
my DX440 adapter. It was on the desk next to the radio
where they had returned the adaptor (after their NINTENDO
still didn't work).

Went upstairs to play with my radio....

It hasn't worked since 1990??

SOLUTION: I always put in a FULL wave bridge whenever I build a piece of equipment. Four diodes is all it takes!

Polarity is no-longer an issue. KID-PROOF!

-Ed Loranger

--

72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)
OHR-100, Pixie2, Johnson Viking II w/VFO.
mailto:we6w@qsl.net QRP-L member #1068.
<http://www.qsl.net/we6w>

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Doug <doug@sunrise.alpinet.net>
Subject: [18570] Re: QRP from Montana
Message-ID: <33662BCA.4A0E@alpinet.net>

Hi Al...let me know your operating freqs and I'll do my best to meet you for a Qrp/Qrp or Qrp/Qro contact...it's your call. My schedule varies a bunch, so if we dont make it on the first try, keep in touch and we'll get 'er done.

73, 72
Doug Dunn, K7YD
Livingston, MT

AlK0FRP@aol.com wrote:

>
> Gang
>
> I thought I had QRP to QRP qso with Montana but checked my logs and no. So
> along with Hawaii I need Montana QRP "H E L L O out there" any one from
> Montana for a weekend sked ???
> Still no rig with me in Chicago can't get permission for an antenna and ther
> are 16 surveillance cameras going ????
> Have to make the sked on weekend or next week I'll be home from May 2 to may
> 10th.
>
> Al K0FRP

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Raventhorne <jelder@ix.netcom.com>
Subject: [18529] Re: QRP TTF AREA 51
Message-ID: <2.2.16.19970429223027.4007bf26@popd.ix.netcom.com>

At 10:27 AM 4/28/1997 -0700, Doug Hendricks wrote:

>Lots of fun, and the purpose of QRP TTF was fun, so we were successful.
>Now, we have to think of a theme for next year. I have the perfect place
>to operate, just have to think of a theme to make it work. The place?
>Well, Ron Stark says that he can get us permission to operate from the
>Mustang Ranch near Reno, and says that he can probably get the crew to pose
>for a group picture with us!! Ok guys, help us out. What is a theme that
>we can use next year and have the Mustang Ranch fit in?

Uh, places with exciting rides?

This could include Lombard St. in SF, The various 6-Flags theme parks,
Disney Land & World, places with cool Mt. biking descents (Mammoth Mt.
Kamikaze track), kayaking rapids, etc . . .

72,

John

@~~~~~

@ John Elder, K06TS - King Of 6 Tiny States, ex: KD6HSK, N5FFH, WB6UWL, WN6UWL

@~~~~~

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [18547] Re: QRPP "SPRING 1997"
Message-ID: <199704291353.GAA28060@dancris.com>

At 12:51 AM 4/29/97 -0400, you wrote:

>Just a short note to say thanks for another Great issue to Doug &
>Company. "84 PAGES"! Wow! Talk about a nice Schematic in the Centerfold.
>That alone should make the "BIG" magazines jealous. 38 Special on one
>side and "SST" on the other. One thing just occurred to me, the Test
>info might Dissapear when it is photo copied? (Blue Ink) Maybe Doug
>will sell "Reprints" :^) I haven't had a chance to start reading it yet,
>but I can tell from scanning thru it that it is a Winner.
>TKS AGN Doug & Staff. Real nice job.

>

>

Mine arrived yesterday, and it IS a very nice issue. One thing to note, though, if you haven't gotten yours yet...the deadline for ordering the SST at the special price is May 1st, only 2 days away. Many of you may not get your issue in time. I didn't think to bring the issue to work, but if you want the special price, you need to get an order off to Wilderness now.

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ Grid DM43bi Lat 33.334500 Long -111.87260

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=17 30=17 17=0 12=0 States=14/0/0 DX 0/0/0 QSL's=5

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: Bob Hightower <ki7mn@dancris.com>

Subject: [18551] Re: QRPp "SPRING 1997"

Message-ID: <199704291411.HAA29074@dancris.com>

At 10:04 AM 4/29/97 -0400, you wrote:

>

>I believe due to some difficulty of him getting parts, that the deadline
>for the SST has been extended to June.

>Brien

>Toronto

>

>

Brien sent this note, so I must have missed an earlier post. Good to know that the deadline has been extended.

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ Grid DM43bi Lat 33.334500 Long -111.87260

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=17 30=17 17=0 12=0 States=14/0/0 DX 0/0/0 QSL's=5

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: adams@chuck.dallas.sgi.com (Chuck Adams)

Subject: [18557] Re: QRPp "SPRING 1997"

Message-ID: <199704291451.JAA22139@chuck.dallas.sgi.com>

Bob et.al.,

There was a sticker on the outside of the mailing envelope showing an extension on the order of the SST. Deadline is June 1 now.

FYI

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=031 30m=21 17m=5 12m=0 States=18/05/00 DX=03/00/00 QSLs=005

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: wd4et@juno.com

Subject: [18586] Re: QRPp "SPRING 1997"

Message-ID: <19970429.163206.4374.1.wd4et@juno.com>

I received my QRPp yesterday. Couldn't put it down. Cover to cover last night.

Best one yet. And the center fold.....!!!!

73, Jeff

From owner-qrp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: Leon Heller <leon@lfheller.demon.co.uk>

Subject: [18537] Re: R2 kit?

Message-ID: <8+oLZDABvbZzEwpk@lfheller.demon.co.uk>

In message <33659B87.C25@aaade.com>, Neil Heckt <neil@aaade.com> writes
>Does anyone sell a complete (less vfo) R2 receiver kit?

Steve Weber, KD1JV, does: kd1jv@juno.com

I've got one, and it's a nice kit - good quality board and components. I must get round to finishing building it.

Leon

--

Leon Heller

Amateur radio callsign: G1HSM

Email: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>

Tel: +44 (0) 118 947 1424 (home) +44 (0) 1344 385556 (work)

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [18554] Re: R2 kit?
Message-ID: <3.0.1.16.19970429072745.304fa67e@mail.lightside.com>

Kanga US
Bill Kelsey
3521 Spring Lake Drive
Findlay, OH 45840
<http://qrp.cc.nd.edu/kanga/>

At 23:56 4/28/97 -0700, Neil Heckt wrote:
>Does anyone sell a complete (less vfo) R2 receiver kit?

72/73
Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: DM84wc

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Ed Tanton <n4xy@bellsouth.net>
Subject: [18512] Re: Reed Relays for QSK?
Message-ID: <3.0.1.32.19970428210838.009c21e0@mail.atl.bellsouth.net>

Hi Kory... the subject of reed relays has been near and dear to my heart for years. I have literally hundreds I have bought surplus over the years... and have even made my own, using a surplus 12V solenoid coil and a hi-current gold-flashed power reed.

The homebrew reed relay was one of my better ideas-and figuring out how to test it was really educational. I have an HP signal generator capable of relatively high power output(>20V @ > 1A. I used it to actually drive the coil with a 15 V square wave. Watching the reed switch a DC voltage on and off to a resistive load produced a square wave on my 'scope whose width varied proportionally with the HP driving the coil. As I increased the frequency of the switching, eventually I reached a point where the leading edge of the switched waveform would begin to deteriorate. This was the contact beginning to severely bounce. My switch would actually switch at speeds over 100 kHz. Since $t = 1/f$ the thing was switching in 1/100,000 of a second (0.001 ms) consistently. Not bad for a lashup (I used non-corrosive RTV to mount the 5A reed within the coil.)

This is NOT typical of your ordinary reed relay. But it does illustrate what reed relays are. Simply (or not so simple-sometimes) a magnetic reed switch and a coil. Variations add additional latching coils, and sometimes mercury wetted contacts (for help with bounce and current capacity.) Hence the term: 'dry reed' relay for the 'regular' ones.

MOST reed relays are NOT power switches. Most are rated in terms of mA-not Amps-and usually in VA (Volt-Amperes.) 50 volts at 200mA = 10 VA. One of the nice things about modern reeds is that they DO switch higher loads than their predecessors: typically 10-30VA with parameters of 100VDC and 0.5A maximums (although NOT simultaneously!) I will go out on a limb and say that their 'carry' ratings are usually within that extended range: e.g. you can't switch that much (100VDC@ 0.5A) but once the contacts are settled, you can probably get away with carrying that much load at nearly that voltage.

Reed relays are FAST. That is one of their main advantages. A typical reed can switch in as little as 0.5ms including bounce time... to as much as 3ms. To give you an idea of what this means, a typical CW dit is ~20ms long at 60wpm. The vacuum relay I like to use for QSK is the Jennings RJ1A which fully switches in 8ms. Reeds are fast.

Important parameters for reeds include the cross-contact voltage (typically 100-500VDC) and the coil-to-contact breakdown voltage which is a lot (typically >1kv.) Note that most reeds are SPST N/O. They can be found in other configurations, but that is the most common.

Do not mistake really small relays, even SIP and DIP packaged relays for reeds. They MAY be, and they may not. The difference? The others are 'regular' mechanical relays, taking much longer to make-or break, with typically lower lifetimes as well.

The mercury-wetted reeds are OK for most applications, including RF but remember they ** MAY ** have to be mounted with some-side-up. Their bounce is much reduced, and their contact life extended.

There ARE "power" reeds around... and they are the best for RF switching-since for QRP folks they exceed anything we might need. But when you think about it: 5W into 50 ohms is not a lot of RF 'stuff'. It would be easy enough to try passing your 5W through almost any inexpensive reed relay and see what happens. Surplus they can be had for \$.69 . An easy way to test would be to switch an SPDT reed (or two logic'ed into SPDT) between two 50 ohm dummy loads using your keyer to operate a simple transistor switch to ground the coil of the reed. Applying 5W constantly to the reed while switching between the 2 loads, if it doesn't stick... fine... it can take it. If it does, no QSK using that type. But there are plenty of 'em that will take it. Check around.

From owner-grp-1@Lehigh.EDU Tue Apr 29 18:03:57 1997
From: Owen 'OJ' Quarles <k1oj@swbell.net>
Subject: Re: TX QSO Party

Howdy from Texas!

Yes-sirre-Bob! The Texas QSO Party is this weekend. Give a listen for K10J/M. Last year we covered 27 counties and about 700 miles. This year the route planned will be somewhat shorter but still cover 25 counties. I will be operating 90% cw and will be on 20m between 14.030 and 14.055 while the sun is up then down to 40m. Each county is a new multiplier for you so give me a call. Last year's top scoring fixed Tx station will also be on the air defending his title, W5SB. Bill is a fellow Houstonian that often joins in on the QRP contests with me. So stop by and give us a 'Q'.

CU---OJ---K10J

HOUSTON, TX

QRP-L 732

..

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: Bill Todd <bill@techline.com>

Subject: [18561] Re: Whoops! sorry abut that...

Message-ID: <1.5.4.32.19970429161109.006a1074@mail.techline.com>

>Oh well, I find the advantage to being old, and making mistakes, is that
>everybody chocks it up to senility, and disregards it. That even
>happened when I left my zipper open one day.

>

>73..

Hi Jim - At least you don't drool when you watch TV (hi).

CUL, Bill-N7MFB

From owner-qrp-l@Lehigh.EDU Tue Apr 29 18:03:57 1997

From: Byron8LCZ@aol.com

Subject: [18575] Re: xe1/k8zaa Randy on NOW!

Message-ID: <970429142105_-1568197544@emout19.mail.aol.com>

In a message dated 97-04-29 08:00:22 EDT, you write:

<< I just worked Randy in Mexico on 20M at about 14.057 with 4W both ways.
time is 0110. Have fun.

Is he one of us?

72, Mark N2VPK >>

Hi Mark,

Randy lives in Okemos Mich but has been in Mexico for quite a while. When I worked him, he was QRO in Dec and QRP in Jan. He runs a QRP Plus and MFS loop (whatever that is) He is an ARCI member. His QSL addr is Randy Brace K8ZAA 2926 Mt Hope Apr 201, Okemos Mich 48864. He has color cards made up with his XE1/K8ZAA call.

72, Byron WA8LCZ Detroit